

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|------------------|
| S2 | 3 | (("5191896") or ("5025796") or ("6248079")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/28 05:54 |
| S3 | 22 | (pain with stimulator with (laser light)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 08:45 |
| S4 | 710 | (diode with laser with (ir infrared)) and controller and pulse and (optic lens) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 13:01 |
| S5 | 115 | S4 and (nerve neural pain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 15:01 |
| S6 | 154 | C with fiber with nociceptors | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 07:18 |
| S7 | 13164 | ion adj channel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 06:01 |
| S8 | 1 | S5 and S6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 06:03 |
| S9 | 1 | S4 and S6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 06:03 |
| S10 | 9 | S5 and S7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 06:03 |
| S11 | 93 | S5 and @AD<"20040312" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 06:22 |

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| S12 | 52 | S4 and ("980" with (nm nanometer)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 08:20 |
| S13 | 13 | S12 and (nerve neural pain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 06:22 |
| S14 | 44 | ("3769963" "3900034" "4069823" "4396285" "4573465" "4573467" "4640283" "4669839" "4671285" "4724835" "4854320" "4930504" "4931053" "4966144" "4984242" "5002051" "5021452" "5049147" "5050597" "5112328" "5147349" "5150704" "5161526" "5196004" "5259380" "5290273" "5312396" "5346488" "5409482" "5445146" "5464436" "5520679" "5527350" "5540676" "5616140" "5707403" "5755752" "5951596" "5993442").PN. OR ("6267779").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/28 06:25 |
| S15 | 44 | S14 and (nerve the stimulate laser fiber) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/28 06:26 |
| S16 | 12 | (US-20050027336-\$ or US-20040158297-\$ or US-20030018247-\$ or US-20020002391-\$ or US-20050131499-\$).did. or (US-5800481-\$ or US-6267779-\$ or US-3900034-\$ or US-4854320-\$ or US-4966144-\$ or US-5540676-\$ or US-6746473-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/28 07:12 |
| S17 | 5 | S16 and (fiber with diameter) | US-PGPUB; USPAT | OR | ON | 2006/08/28 12:49 |
| S18 | 2 | S5 and nociceptors | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 07:45 |
| S19 | 10 | (pain with stimulat\$3 with (laser light)) and (fiber with diameter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 08:45 |

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| S20 | 12 | (US-20050027336-\$ or US-20040158297-\$ or US-20030018247-\$ or US-20020002391-\$ or US-20050131499-\$).did, or (US-5800481-\$ or US-6267779-\$ or US-3900034-\$ or US-4854320-\$ or US-4966144-\$ or US-5540676-\$ or US-6746473-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/28 12:49 |
| S21 | 10 | S20 and (temperature sensor) | US-PGPUB; USPAT | OR | ON | 2006/08/28 12:49 |
| S22 | 710 | (diode with laser with (ir infrared)) and controller and pulse and (optic lens) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 13:01 |
| S23 | 34 | S22 and (temperature with sense\$) and ((closed feedback) with control) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 13:35 |
| S24 | 148 | S22 and (temperature with control) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 13:36 |
| S25 | 5 | S22 and (temperature with control). ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 15:00 |
| S26 | 13164 | (ion adj channel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 15:01 |
| S27 | 471 | S26 and laser and infrared | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 15:01 |
| S28 | 265 | S27 and (nerve neural pain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 15:01 |

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| S29 | 11 | S26 and S22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/08/28 15:01 |
| S30 | 23 | (pain with stimulator with (laser light)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 07:44 |
| S31 | 145 | (pain with stimulat\$3 with (laser light)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 07:44 |
| S33 | 71 | S31 not S30 and @AD<"20030303" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/11/05 08:57 |
| S34 | 6 | S33 and nociceptors | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 07:45 |
| S35 | 0 | S34 and ("980" with (nm nanometer)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 08:20 |
| S36 | 1 | S34 and (nm nanometer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 08:20 |
| S37 | 98 | laser and (single with nerve with cell) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 10:17 |
| S38 | 23 | (pain with stimulator with (laser light)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 10:18 |
| S39 | 66 | S37 not S38 and @AD<"20030303" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 10:18 |

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| S40 | 66 | S37 and @AD<"20030303" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 10:18 |
| S41 | 20 | S40 and stimulat\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/05/07 10:18 |
| S42 | 47 | (laser with diode) and (stimulate with nerve) and pain | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/11/05 08:57 |
| S43 | 20 | S42 and @AD<"20030303" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/11/05 08:58 |
| S44 | 0 | S43 and nociceptors | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2007/11/05 08:58 |